



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3969-3
Job Sheet 185858



Job split to 187041

Part No: D3969-3

Job Qty: 8 ea

Part Name: Spring (Basket Lid)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/5/18

Job Tracking No:

Due Date: 11/23/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV D IPP RevA: new issue DD 09.11.30 verified by:EC IPP Rev:B as per revC DD 10.03.16 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	8 pcs	11/23/18	11/23/18	0.00	0.00	Purchasing		NOV 26 2018
110	Packaging	8 pcs	11/23/18	11/23/18	0.00	0.00	Packaging2		NOV 26 2018
120	QC	8 pcs	11/23/18	11/23/18	0.00	0.00	QC6		61
122	Small Fab	8 pcs	11/23/18	11/23/18	0.00	0.00	Small Fab-5		9-89
124	QC	8 pcs	11/23/18	11/23/18	0.00	0.00	QC5		
130	Packaging	8 pcs	11/23/18	11/23/18	0.00	0.00	Packaging3-2		NOV 29 2018
140	QC21-SA	8 Ea	11/23/18	11/23/18	0.00	0.00	QC21		

Part Op 100 - Issue P/O: _____ part#: SSA4/8-122-310-360N
Descriptions: 110 - ***Measure compression only at
120 - ***Measure compression only at

DAS
21 NOV 29 2018
9-89

PO Details

LS Technologies Inc. (Ist001-vc)



PO No: PO041601
Line No: 1

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SSA4/8-122-310-360N	Gas Spring D3969-3	8 pcs (1 ea)	100-Purchasing	5131604

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	SSA4/8-122-310-360N	8	0	0



Container No: S131605



Part: D3969-3

Job No: 185858

Serial No/Batch: S131605

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/26/18

Part Specifications

Specifications could not be found.

Plex 11/26/18 4:03 PM dart.belanger.natasha



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3969-3

Job Sheet 185858



Part No: D3969-3

Job Qty: 20 ea

Part Name: Spring (Basket Lid)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/5/18

Job Tracking No:

Due Date: 11/23/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV D IPP RevA: new issue DD 09.11.30 verified by:EC IPP Rev:B as per revC DD 10.03.16 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	20 pcs		11/23/18	0.00	0.00	Purchasing		
110	Packaging	20 pcs		11/23/18	0.00	0.00	Packaging2		
120	QC	20 pcs		11/23/18	0.00	0.00	QC6		
122	Small Fab	20 pcs		11/23/18	0.00	0.00	Small Fab-5		
124	QC	20 pcs		11/23/18	0.00	0.00	QC5		
130	Packaging	20 pcs		11/23/18	0.00	0.00	Packaging3-2		
140	QC21-SA	20 Ea		11/23/18	0.00	0.00	QC21		

Part Op 100 - Issue P/O: 041601 part#: SSA4/8-122-310-360N
Descriptions: 110 - ***Measure compression only at
120 - ***Measure compression only at

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SSA4/8-122-310-360N	Gas Spring D3969-3	20 pcs (1 ea)	100-Purchasing	

CCX20 NOV 06 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	SSA4/8-122-310-360N	20	0	0

Part Specifications

Specifications could not be found.

Plex 11/5/18 1:08 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



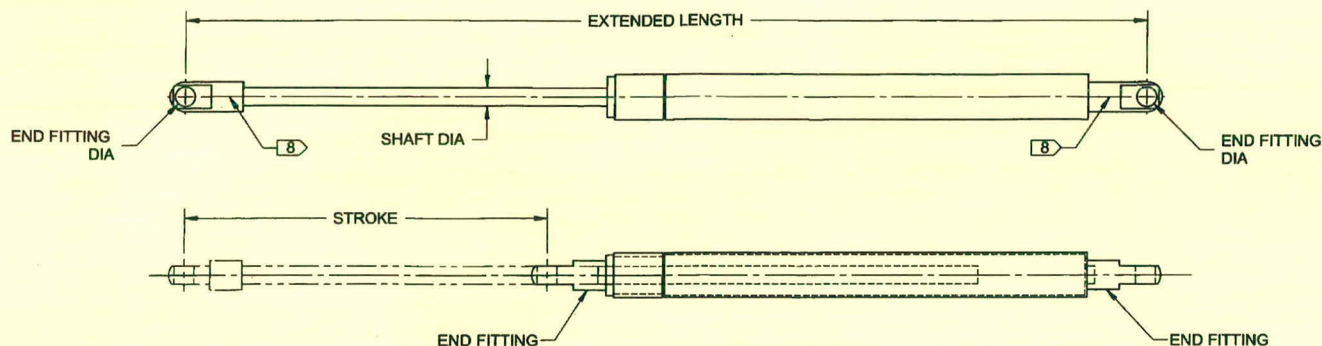
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
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Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
Root Cause				FAULT CATEGORY																					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐															
OTHER : _____																									

SPECIFICATION CONTROL DRAWING



D3969-X SPRING

DART PART NUMBER	STROKE (mm/in)	EXTENDED LENGTH (mm/in)	SHAFT DIA (mm/in)	FORCE (N/lbs)	END FITTING TYPE	END FITTING DIA (in)	CASING MATERIAL	PREFERRED SUPPLIER	SUPPLIER PART NUMBER	WEIGHT APPROX
D3969-1	122/4.80	315/12.40	6/0.24	310/69.7	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-122-315-310N	0.27 lbs
D3969-3	122/4.80	315/12.40	8/0.31	360/80.9	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-122-310-360N	0.32 lbs
D3969-5	122/4.80	315/12.40	6/0.24	133/29.7	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-122-315-133N	0.27 lbs
D3969-7	122/4.80	315/12.40	6/0.24	222/50.0	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-122-315-225N	0.27 lbs
D3969-9	130/5.12	343/13.50	8/0.31	360/80.9	BLADE	0.257	STAINLESS STEEL	LS TECHNOLOGIES	SSA4/6-130-343-360N	0.35 lbs

NOTES:

- 1) MATERIAL: SEE CHART
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3969-X" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: SEE CHART
- 8) CRIMP END FITTING AT APPROXIMATE LOCATION SHOWN, PER MANUFACTURERS REQUIREMENTS

RELEASED
2016-05-19
16-581

APPROVED

D	ADDED -7/-9	ML	16.05.12
C	REDRAWN IN SW. ADDED -3 & -5; ADDED SHAFT DIA COLUMN TO CHART. FORCE FOR -1 CORRECTED (WAS 60.0 lbs).	JPH	10.03.04
B	DRAWING RENAMED WAS: GAS SPRING (BASKET LID). NOTE 8 ADDED.	AJS	09.11.10
A	NEW ISSUE	AJS	09.07.27
REV.	DESCRIPTION	BY	DATE
DESIGN	AS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	AJS	DRAWING NO.	REV. D
MFG. APPR.	DD	D3969	SHEET 1 OF 1
APPROVED	WM	TITLE	SCALE
DE APPR.	DS	BASKET LID SPRING	NTS
DATE	16.05.12	COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR DISCLOSED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED FOR
SUBJECT TO A MEMO
WITHOUT NOTICE
WORK ORDER
NO. 185858 MJS
1871-65



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041601

Supplier: LST001-VC
LS Technologies Inc.
1634 Saskatchewan Ave.
Saskatoon
SK
S7K 1P6 Canada
Phone: 306 683 5000
Fax: 306 683 6403

PO No: PO041601
PO Date: 11/5/18
Due Date: 11/26/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Tsimiklis, ChrisoulaPhone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185858	SSA4/8-122-310-360N			Gas Spring D3969-3 As Per Dwg D3969	Firmed	-	11/26/18	8 pcs	0 pcs	8 pcs	\$65.00/pcs	\$520.00
								NOV 26 2018					
	187041					Firmed	-	12/7/18	12 pcs	0 pcs	12 pcs	\$65.00/pcs	\$780.00
Sub Total:									20	0	20		\$1,300.00

Grand Total: \$1,300.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Plex 11/26/18 3:48 PM dart.tsimiklis.chrisoula



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041601**

Supplier: LST001-VC
LS Technologies Inc.
1634 Saskatchewan Ave.
Saskatoon
SK
S7K 1P6 Canada
Phone: 306 683 5000
Fax: 306 683 6403

PO No: PO041601

PO Date: 11/5/18

Due Date: 11/16/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Tsimiklis, Chrisoula Phone:

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
NOV 06 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	185858	SSA4/8-122-310-360N			Gas Spring D3969-3 As Per Dwg D3969	Firmed	-	11/19/18	20 pcs	0 pcs	20 pcs	\$65.00/pcs	\$1,300.00
Grand Total:													\$1,300.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
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A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 11/6/18 10:38 AM dart.tsimiklis.chrisoula

Packing Slip

LS TECHNOLOGIES INC

1634 Saskatchewan Ave
Saskatoon, SK S7K 1P6

P.O. No.	Date	Invoice #
041601	11/21/2018	19375

Bill to:
Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship to:
Main Finished Goods Location Dart Aerospace Ltd 1270 Aberdeen St. Hawkesbury, ON K6A 1K7

Ship	Via
11/21/2018	Fed-Ex

Qty	Description
8	D3969-3 #185858 Stainless Gas Spring (SSA4/8-122-310-360N) LABELLED WITH PERMANT INK MARKER ONLY - NO LABELS
	Shipping Via FED EX Tracking #

DAS
61
9-89

Order checked by : 



LS Technologies Inc

1634 Saskatchewan Ave,
Saskatoon, SK S7K 1P6
Ph: (306) 683-5000 Fax: (306) 683-6403

Certificate of Compliance

Nov 20, 2018

This is to certify that the parts listed below meets specifications as required by your order.

8 Units: D3969-3 #185858 Stainless Gas Spring

DAS
61
9-89

Country of Manufacture: Canada

Date of Manufacture : Nov 2018

This product is ROHS compliant.

Purchase Order # **041601**

Invoice # 19375

L S Technologies Inc Canada

A handwritten signature in dark ink, appearing to be 'Nolan Fehr', written over a horizontal line.

Nolan Fehr
President

